MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST, 1928

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

AUGUST 1928
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent.			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	754.6	754.5	754.5	754.5	32.7	24.3		12.8	
2	4.4	4.6	4.7	4.6	32.3	24.2		12.4	
3	4.5	4.5	4.9	4.6	31.8	24.2		12.8	
4	5.3	4.8	5.4	5.2	33.1	25.0		12.5	
5	5.6	5.6	6.2	5.8	32.7	25.1		12.6	
6	756.0	755.5	755.3	755.6	32.6	24.2		13.0	
7	4.8	3.9	3.7	4.1	32.4	24.1		12.8	
8	2.0	1.7	2.1	1.9	32.5	25.3		11.0	
9	2.3	3.0	5.1	3.5	32.9	25.4		11.6	
10	6.3	5.6	6.0	6.0	31.9	24.5		12.8	
11	756.0	755.2	755.0	755.4	32.4	26.3		12.8	
12	5.3	4.2	4.8	4.8	33.3	27.3		12.6	
13	5.9	6.4	7.0	6.4	33.4	25.0		12.4	
14	7.3	7.1	7.5	7.3	32.7	24.0		11.0	
15	7.2	6.7	6.7	6.9	32.4	23.6		12.4	
16	756.0	754.7	754.1	754.9	31.7	23.9		12.4	
17	4.0	3.8	4.6	4.1	31.7	24.9		12.1	
18	5.4	5.5	6.9	5.9	32.3	25.8		12.6	
19	7.1	6.9	7.6	7.2	33.7	24.5		12.4	
20	7.3	6.9	7.7	7.3	33.7	24.7		11.7	
21	757.2	756.7	757.2	757.1	31.8	23.9		12.4	
22	7.1	6.2	6.1	6.5	32.1	24.4		12.1	
23	6.1	5.3	5.5	5.6	32.0	24.7		12.0	
24	5.3	5.0	6.0	5.4	32.1	23.9		12.0	
25	6.3	6.2	6.8	6.4	32.4	23.9		11.4	
26	756.4	755.9	755.9	756.1	32.2	24.1		11.8	
27	5.9	5.0	5.7	5.5	32.0	24.3		10.8	
28	5.4	5.7	6.4	5.8	32.0	24.1		12.2	
29	6.9	6.7	7.1	6.9	33.2	25.0		11.8	
30	7.8	9.6	760.1	9.2	32.1	24.6		12.0	
31	6.3	5.9	755.5	5.9	32.4	24.4		8.6	
	755.73	755.46	755.87	755.69	32.47	24.63		12.06	

BAROMETER

Maximum 760.1 on 30th

Minimum 751.7 on 8th

THERMOMETER

Maximum 33.7 on 19th & 20th

Minimum 23.6 on 15th

RAINFALL

Maximum 0 on 0

Number of days with rain 0, fog 0, thunderstorms 0, gale 0

AUGUST 1928

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	29.3	31.8	26.9	29.3	25.3	26.3	25.1	20.5	20.4	22.0	21.0	69	56	83	69
2	29.0	31.2	27.2	29.1	25.3	25.7	24.9	20.7	19.6	21.5	20.6	69	57	81	69
3	29.2	32.6	27.8	29.9	25.3	27.1	24.9	20.7	21.0	21.0	20.9	68	56	76	67
4	29.8	31.8	28.1	29.9	25.2	26.2	25.5	20.0	20.4	21.9	20.8	64	55	78	66
5	29.4	32.4	27.1	29.6	24.8	26.6	25.4	19.3	19.9	22.6	20.6	64	56	85	68
6	29.9	31.8	27.2	29.6	25.8	25.9	23.8	21.2	19.1	19.1	19.9	70	54	72	65
7	29.3	32.1	27.4	29.6	24.8	26.8	24.9	19.6	21.4	18.7	19.9	65	60	68	64
8	29.1	32.3	27.7	29.7	24.9	26.5	24.7	20.0	20.0	20.5	20.2	67	56	74	66
9	29.4	30.8	27.4	29.2	25.1	24.7	22.2	20.0	18.4	16.6	18.3	65	56	65	62
10	30.2	30.8	27.4	29.5	24.7	21.5	21.9	18.7	13.2	15.6	15.8	59	39	57	52
11	29.4	32.3	29.2	30.3	22.5	24.7	22.2	15.4	17.3	15.0	15.9	51	48	50	50
12	30.1	32.5	27.5	30.0	23.7	26.6	23.8	17.0	20.9	18.8	18.9	54	57	69	60
13	29.3	28.0	27.3	28.2	25.2	25.9	24.9	20.5	23.0	21.4	21.6	68	82	80	77
14	28.8	31.3	26.7	28.9	24.7	25.6	24.1	19.6	19.7	20.0	19.8	66	57	77	67
15	28.5	30.8	26.9	28.7	24.6	25.2	24.6	19.7	19.2	21.0	20.0	68	58	80	69
16	28.9	30.9	26.9	28.9	24.7	25.7	24.7	19.7	20.2	21.1	20.3	66	60	80	69
17	29.4	31.4	26.8	29.2	25.3	26.3	25.2	20.0	21.0	21.6	20.9	64	61	78	68
18	30.7	32.4	26.6	29.9	23.9	24.6	23.3	17.0	17.0	18.6	17.5	50	47	71	56
19	29.7	31.1	27.8	29.5	24.7	25.4	23.9	19.1	19.8	18.8	19.2	62	60	68	63
20	28.7	30.1	26.9	28.6	24.7	25.7	23.6	19.8	20.1	18.8	19.6	67	60	72	66
21	28.7	31.8	26.9	29.1	24.2	25.3	23.8	18.8	18.6	19.4	18.9	63	53	73	63
22	29.1	30.1	27.2	28.8	24.9	25.3	24.4	18.3	19.5	20.4	19.4	60	58	77	65
23	29.5	31.3	27.2	29.3	22.6	26.2	25.0	15.5	20.8	21.6	19.3	51	60	80	64
24	28.9	32.1	27.3	29.4	25.2	26.6	25.1	20.5	21.6	21.6	21.1	69	59	80	69
25	28.8	31.7	27.3	29.3	25.5	25.9	24.4	21.3	20.6	20.2	20.5	73	57	75	68
26	28.7	31.4	26.7	28.9	25.3	25.8	24.1	20.9	20.0	20.2	20.4	72	58	77	69
27	27.3	31.4	27.3	28.7	24.6	26.1	24.9	20.6	20.4	21.4	20.8	77	59	80	72
28	29.6	32.2	28.2	30.0	25.3	25.3	23.9	20.4	18.8	16.9	18.6	65	52	56	58
29	29.3	31.1	27.6	29.3	24.9	25.9	24.9	19.8	20.5	21.3	20.5	66	60	77	68
30	29.7	30.8	26.5	29.0	23.7	24.8	23.8	17.1	18.5	19.7	18.4	55	55	77	62
31	27.6	30.6	26.9	28.4	23.2	23.1	22.1	17.7	15.6	16.1	16.5	64	48	60	57
	29.20	31.38	27.29	29.29	24.65	25.58	24.19	19.33	19.53	19.79	19.55	64.2	56.6	73.4	64.8

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

AUGUST 1928

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30.	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	0	0	0.0	1	2	0	132.7	light	
2	1	1	0	0.7	1	3	0	98.4	,,	
3	1	1	0	0.7	2	3	1	201.6	mod.	
4	3str cu	6str.ni	1str	3.3	2	4s	1s	250.4	,,	
5	1	1str.cu	0	0.7	2	2	0	175.3	light	
6	1	0	0	0.3	0	1w	0	142.1	,,	
7	1	1str.cu	0	0.7	1s	3	0	127.1	,,	haze in a.m
8	1	0	0	0.3	4s	4w	4s	314.0	rough	haze d. day
9	6str.cu	4str.cu	0	3.3	0	3w	2w	350.1	,,	mist d. day
10	0	0	0	0.0	0	6ne	5n	464.5	,,	
11	0	0	0	0.0	0	3ne	4ne	570.3	,,	sirocco
12	0	0	0	0.0	0	0	0	534.8	,,	
13	0	0	0	0.0	1	2	0	164.3	light	
14	1	1	0	0.7	1	1	0	155.5	,,	
15	1str.cu	0	3str.cu	1.3	1	2	0	80.5	calm	haze in a.m.
16	1	1str.cu	0	0.7	1	1	0	94.4	,,	
17	1str.cu	4str.cu	0	1.7	2w	2s	0	215.9	mod	haze in a.m.
18	0	0	0	0.0	0	1ne	0	178.6	light	
19	0	0	0	0.0	0	1nw	0	175.7	,,	
20	1str.cu	1str.cu	0	0.7	0	1nw	0	152.8	,,	
21	1str.cu	1str.cu	0	0.7	0	2	0	152.1	,,	gen. br. a.m.
22	2str.cu	0	0	0.7	0	2	0	143.5	,,	
23	1str.cu	2str.cu	1str.cu	1.3	1w	2	0	97.2	calm	
24	1str.cu	1str.cu	1str.	1.0	1	2	0	161.2	light	
25	2str.cu	0	3str.	1.7	3	3	0	195.0	mod.	haze in a.m.
26	3str.cu	1str.cu	0	1.3	0	2	0	108.6	calm	gen. br. a.m.
27	5str.cu	0	0	1.7	0	1nw	1s	103.6	light	
28	0	0	0	0.0	1	3ne	2e	265.0	mod.	
29	0	1cu	8str. ni	3.0	0	1nw	0	175.0	light	
30	0	0	0	0.0	1	3	0	136.5	,,	
31	8str.ni	2str.cu	6str.ni	5.3	2s	4s	0	198.7	mod	trace eve.
				1.03				203.72		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	3	14	2	0	12
2:30	0	4	0	0	3	16	3	4	1
8.30	1	1	1	0	3	1	1	0	23
Totals	1	5	1	0	9	31	6	4	36

N. B. — Cloud numbers without letters are all cu..
Wind ,, ,, ,, ,, ,, sw